

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-12. (Cancelled)

Claim 13. (New) A radio-based device for issuing hazard warning information to a driver of a receiving vehicle having a data receiver which receives hazard data from a data transmitter of at least one other vehicle, and evaluates the received data; wherein:

received data includes information regarding position, speed and direction of travel of the at least one other vehicle;

based on (i) the received data from the at least one other vehicle, (ii) information regarding position, speed and direction of travel of the receiving vehicle, a relevance measure is determined in the receiving vehicle, which relates to whether the at least one other vehicle is located on a section of road lying ahead of the receiving vehicle; and

a chronological profile of the relevance measure is determined by repeatedly determining the relevance measure.

Claim 14. (New) The device as claimed in Claim 13, wherein the chronological profile of the relevance measure is stored in the receiving vehicle.

Claim 15. (New) The device as claimed in Claim 13, wherein incorrect warnings are detected based on the chronological profile of the relevance measure.

Claim 16. (New) The device as claimed in Claim 13, wherein the received data comprise a position chain of the at least one other vehicle.

Claim 17. (New) The device as claimed in Claim 13, wherein a future route of the receiving vehicle is estimated in advance in the receiving vehicle.

Claim 18. (New) The device as claimed in Claim 17, wherein the relevance measure is determined from the received data of the at least one other vehicle and the estimated future route of the receiving vehicle.

Claim 19. (New) The device as claimed in Claim 13, wherein the hazard warning information is output as a function of the determined relevance measure.

Claim 20. (New) The device as claimed in Claim 19, wherein the information output is terminated as soon as it has been detected as an incorrect warning.

Claim 21. (New) The device as claimed in Claim 20, wherein after the information output has been terminated, the driver is informed by a further information output that a previously signaled hazard warning information is no longer applicable.

Claim 22. (New) The device as claimed in Claim 13, wherein data is received from data transmitters of a plurality of other vehicles, and is evaluated.

Claim 23. (New) The device as claimed in Claim 13, wherein the chronological profile of the relevance measure is determined in each transmitting vehicle from which data is received.

Claim 24. (New) The device as claimed in Claim 13, further comprising:

a data transmitter which, when activated, outputs data to issue warnings of hazards to other vehicles;

wherein the transmitted data comprise information about position, speed and direction of travel of the transmitting vehicle.

Claim 25. (New) A method of issuing hazard warning information to a driver of a receiving vehicle, comprising:

a receiving on board said receiving vehicle receiving information transmitted from at least one other vehicle regarding a hazard in a vicinity of said at least one other vehicle;

said receiver also receiving from said at least one other vehicle information regarding position, speed, and direction of travel of said at least one other vehicle;

based on said position speed, and direction information from said at least one other vehicle, and on information regarding position, speed and direction of travel of the receiving vehicle, determining a relevance measure that is indicative of a likelihood that the receiving vehicle will encounter said hazard;

determining a chronological profile of the relevance measure, based on repeated relevance measure determinations; and

issuing a hazard warning to said driver as a function of said chronological profile of said relevance measure.

Claim 26. (New) The device as claimed in Claim 25, wherein a future route of the receiving vehicle is estimated in advance in the receiving vehicle.

Claim 27. (New) The device as claimed in Claim 26, wherein the relevance measure is determined from the received data of the transmitting vehicle and the estimated future route of the receiving vehicle.